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8 May 1965

Page 11LAUNCH AREAMISSILE TEST CENTER

EMBA, USSR

1. [REDACTED] 25X
2. [REDACTED] FIRST REVEALED THE PROBABLE MISSILE-ASSOCIATED INSTALLATION, LOCATED 14 NM SSW OF EMBA. TWO POSSIBLE LAUNCH AREAS WITH ASSOCIATED SUPPORT FACILITIES WERE IDENTIFIED WITHIN A BELL-SHAPED INSTRUMENTATION AREA ORIENTED IN A SSW DIRECTION. AN ADDITIONAL SUPPORT AREA AND A GRADED-EARTH LANDING STRIP WERE OBSERVED NORTH OF THE POSSIBLE LAUNCH AREAS. THE FACILITIES WERE NOT PRESENT ON [REDACTED] 25X
[REDACTED] THE INSTALLATION HAS BEEN OBSERVED ON 25X
13 KH MISSIONS WHICH HAVE REVEALED CONTINUING ACTIVITY AND EXPANSION.
3. [REDACTED] REVEALED UNIDENTIFIED OBJECTS 25X
ON THE PADS OF THE PROBABLE LAUNCH AREA.
4. [REDACTED] REVEALED THE LAUNCH COMPLEX (FORMERLY REFERRED TO AS 25X
TWO POSSIBLE LAUNCH AREAS) AS CONTAINING A LAUNCH AREA AND 2 UNIDENTIFIED
SUPPORT AREAS, ALL DOUBLE-FENCED. THE LAUNCH AREA CONTAINED A GUARD
TOWER AT EACH CORNER, A SECURITY BUILDING AT ITS ENTRANCE, A SMALLER
BUILDING APPROXIMATELY 350 FEET NORTH OF THE SECURITY BUILDING OUT-
SIDE THE FENCE, A VEHICLE STORAGE SHED, 2 SMALLER SUPPORT BUILDINGS,
AND AN EARTH-MOUNDED CONTROL BUNKER. A BURIED CONDUIT CONNECTED THE

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THE CONTROL BUNKER TO THE TWO PADS WHICH HAD NOT BEEN CLEARED OF SNOW. A CLEARED HARDSTAND IN FRONT OF THE CONTROL BUNKER CONTAINED AT LEAST 9 VEHICLES/PIECES OF EQUIPMENT. A TOKEN-TYPE RADAR, 5 ELECTRONIC VANS, AND A UNIDENTIFIED PIECE OF ELECTRONIC EQUIPMENT WERE IDENTIFIED IN THE NE CORNER OF THE LAUNCH AREA, AND EIGHTEEN VEHICLES/PIECES OF EQUIPMENT WERE PARKED IN A L-SHAPED PATTERN NNW OF THE CONTROL BUNKER. APPROXIMATELY 36 VEHICLES/PIECES OF EQUIPMENT WERE SCATTERED THROUGHOUT THE LAUNCH AREA. A SUPPORT AREA APPROXIMATELY 1800 FEET EAST OF THE LAUNCH AREA CONTAINED A SECURITY BUILDING, 2 SMALL SUPPORT BUILDINGS, A GABLE-ROOFED BUILDING, AND A FLAT-ROOFED BUILDING WITH AN ADJACENT STACK.

5. [] REVEALED AN UNIDENTIFIED VEHICLE/PIECE OF EQUIPMENT LOCATED ON EACH PAD IN THE LAUNCH AREA. 25X
6. THIS MISSION REVEALS NO APPARENT CHANGE IN THE FACILITIES OF THE EMBA MISSILE TEST CENTER (FORMERLY REFERRED TO AS A MISSILE-ASSOCIATED INSTALLATION) SINCE [] ACTIVITY OBSERVED INCLUDES 2 25X
PROBABLE GANEF SURFACE-TO-AIR MISSILES ON AN APPROXIMATELY 20-FT LONG TRANSPORTER-LAUNCHER ON THE CENTER OF THE WESTERN LAUNCH PAD (PAD A1). THE MOST IDENTIFIABLE MISSILE MEASURES 25 FT IN LENGTH. A TRANSPORTER-LAUNCHER IS ALSO ON THE CENTER OF THE EASTERN PAD (PAD A2), BUT THE PRESENCE OF MISSILES CANNOT BE DETERMINED DUE TO HAZE AND OBLIQUITY. AN UNIDENTIFIED VEHICLE/PIECE OF EQUIPMENT IS LOCATED ON EACH PAD

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BEHIND THE TRANSPORTER-LAUNCHERS. AT LEAST 16 VEHICLES/PIECES OF EQUIPMENT ARE ON THE HARDSTANDS IN FRONT OF THE CONTROL BUNKER AND AT LEAST 35 ADDITIONAL VEHICLES/PIECES OF EQUIPMENT ARE LOCATED WITHIN THE LAUNCH AREA, INCLUDING 1 ON THE CENTRAL ROAD BETWEEN THE LAUNCH PADS.

THE LARGEST BUILDING IN THE SECURED SUPPORT AREA APPROXIMATELY 1,800 FT TO THE EAST CAN NOW BE IDENTIFIED AS A TWO-BAY DRIVE-THROUGH FINAL ASSEMBLY AND CHECKOUT BUILDING.

7. THE GANEF MISSILE WAS FIRST OBSERVED IN THE 1964 MOSCOW MAY DAY PARADE. THIS TRACK-MOUNTED SURFACE-TO-AIR MISSILE IS PARALLEL-STAGED AND AERODYNAMICALLY CONTROLLED. IT EMPLOYS 4 STRAP-ON SOLID PROPELLANT ROCKET MOTORS EQUALLY SPACED AROUND THE SUSTAINER FOR THE BOOST STAGE AND A RAMJET ENGINE FOR THE SUSTAINER STAGE.

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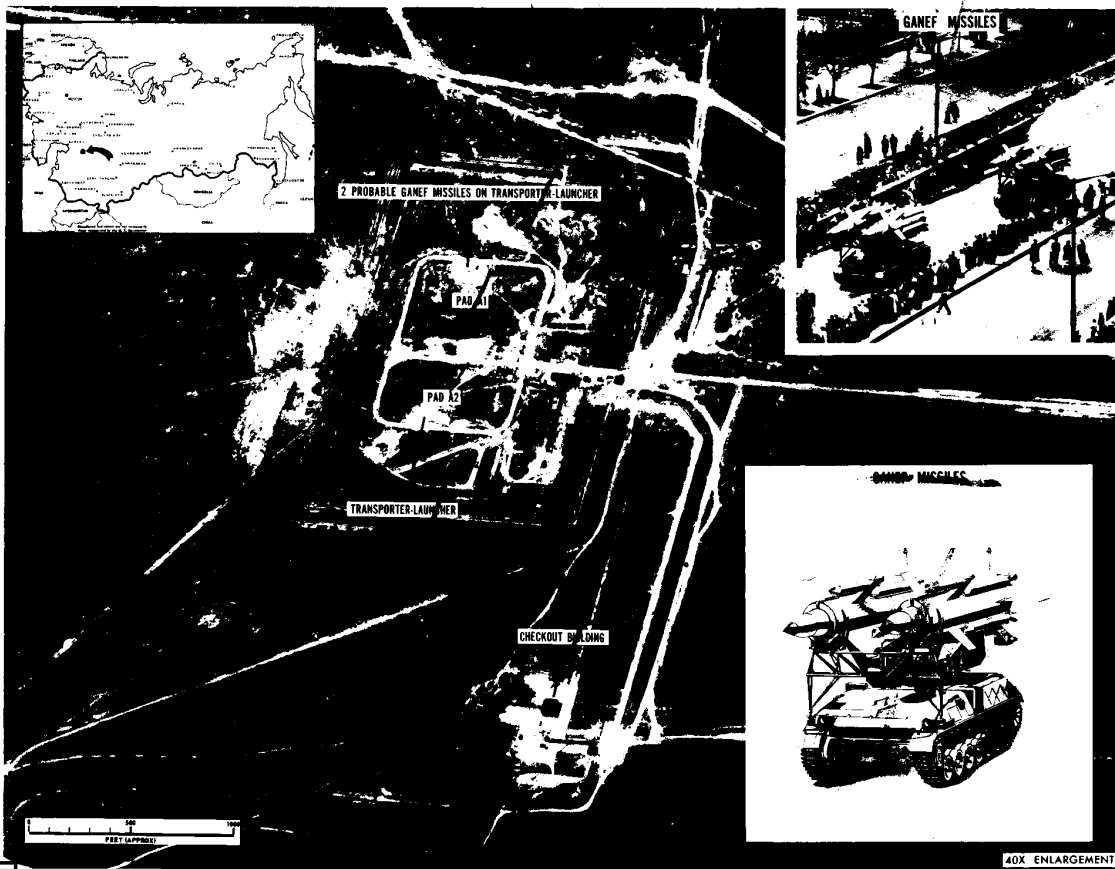
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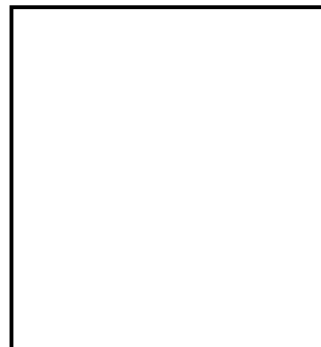
LAUNCH AREA
EMBA MISSILE TEST CENTER, USSR
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